

CARMENCITA M. DAVID-PADILLA, MD, MAHPS

Academician, National Academy for Science and Technology

Professor 12, UP College of Medicine, University of the Philippines Manila

University Scientist 3, University of the Philippines System

MAJOR CONTRIBUTIONS:

- 1) Setting up the genetic services at UP Manila in 1990 and currently servicing patients from different parts of the country; clinical services housed at the Department of Pediatrics, PGH and laboratories (cytogenetics, newborn screening, molecular genetics, biochemical genetics) housed at the Institute of Human Genetics, National Institutes of Health (www.ihg.upm.edu.ph)
- 2) Setting up of newborn screening services in the Philippines in 1996 and currently available in 6000+ hospitals and birthing centers in the country; Department of Health is the lead agency and the Newborn Screening Reference Center - National Institutes of Health serves as the technical partner (www.newbornscreening.ph)
- 3) Setting up of the Fellowship program in Clinical Genetics (2000) and MS Genetic Counseling (2011) at the UP College of Medicine
- 4) Setting up of the Philippine Genome Center in 2009; a research unit of the UP System with 5 programs (health; agriculture, livestock & fisheries; biodiversity; forensics & ethnicity; ethics, legal and social issues) and 2 core facilities (DNA sequencing core facility and core facility for bioinformatics) (www.pgc.up.edu.ph)
- 5) Responsible for crafting and lobbying for Newborn Screening Act of 2004 (RA 9288), the legal basis of the implementation of the comprehensive newborn screening program in the country
- 6) Responsible for crafting and lobbying for Rare Disease Act of 2016 (RA10747), an act promulgating Comprehensive Policy in Addressing the Needs of Persons with Rare Disease.

EDUCATIONAL BACKGROUND:

- BS Pre Medicine, cum laude, UP Diliman. 1976
- BS Medicine, UP College of Medicine, UP Manila, 1981
- Pediatric Residency Training, Department of Pediatrics, Philippine General Hospital, 1986
- Fellowship in Clinical Genetics, Royal Alexandra Hospital for Children, Sydney, Australia, 1990
- MA in Health Policy Studies, College of Public Health, UP Manila, 2005

PARTIAL LIST OF AWARDS AND HONORS RECEIVED:

- The Outstanding Young Men (TOYM) 1994 Awardee for Medicine (Medical Genetics) 1996
- UPAA Community Service Awardee (National Category), 1998
- Outstanding Health Research Award given by PCHRD 2000 for the Newborn Screening Study Group
- UP Manila Gem for Outstanding Work in Newborn Screening given by the UP Manila, October 2003
- *Lingkod Bayan* Award, given by the Civil Service Commission, Philippines, 2004
- Special Recognition for Research, Centennial Celebration, College of Medicine, UP Manila, 2005
- The Outstanding Filipino Physician given by JCI Senate of the Philippines and DOH, 2007
- Best Mentor in Health Research Award - National Capital Region given by PCHRD, 2009

- Outstanding Health Research Award for the Institute of Human Genetics –NIH given PCHRD, 2010
- Outstanding Science Administrator Award, given by Department of Science and Technology, 2012
- Concepcion Dadufalza Distinguished Achievement Award, 2012
- Outstanding Pediatrician given by Philippine Pediatric Society, 2013
- Dr. Paulo C. Campos Award for Medical Research given by the Philippine Association for the Advancement of Science, Inc. (PHILAAS), 2013
- 100 Most Influential Filipina Women in the World given by US-based Filipina Women’s Network* 2013 (Awarded in San Francisco, US)
- Distinguished Lifetime Awardee, College of the Holy Spirit Alumnae Foundation, 2014
- UPAAP Distinguished Award for Health Education, 2014

POSITIONS:

- Executive Director, Philippine Genome Center, University of the Philippines System (2011 to May 2016)
- Founding Director, Newborn Screening Reference Center, National Institutes of Health, UP Manila (2006 to Oct 2014)
- Interim Director, Institute of Health Innovation and Translational Medicine, Philippine California Advanced Research Institutes, Commission on Higher Education, (January 2013 to Dec 2014)
- Chair, Department of Pediatrics, UP College of Medicine (March 2010 – Dec 2012);
- Founding Director, Institute of Human Genetics, National Institutes of Health, UP Manila (1999 to Feb 2010)

INTERNATIONAL SCIENTIFIC ORGANIZATIONS:

- Council Member, Human Genome Organization (HUGO), [2013- present]. HUGO is an international organization of genome scientists from 69 countries. (www.hugo-international.org)
- Executive Committee Member, InterAcademy Medical Panel (IAMP), [2012 – present]. IAMP is a global network of more than 60 medical academies and medical sections of academies of science and engineering, committed to improving health worldwide (www.iamp-online.org)
- Vice President and Treasurer, International Society of Neonatal Screening (ISNS), [2013-2016]. ISNS is an international organization of scientists in 70 countries, committed to the detection of neonatal conditions and the prevention of their adverse outcomes through excellence in neonatal screening. (www.isns-neoscreening.org)

NON GOVERNMENT ORGANIZATIONS:

- Treasurer, Philippine Association for the Gifted, 1995-present
- Founding President, Newborn Screening Society of the Philippines, Inc., 2003
- President, Newborn Screening Foundation, 2001 - present
- Chair, Philippine Society for Orphan Disorders, 2006 – present

- Founder and National Adviser, Volunteer Youth Leaders for Health Philippines, 2010 - present

Over 150 publications and other works (see comprehensive cv for details)

Original Articles – 101

Consortium papers – 12

Books – 10

Chapters in Textbooks – 3

Chapters in Non Textbooks – 3

Training Modules – 2

Manuals – 2;

Law – 2 (RA 9288 and RA 10747)

Pending Bill in Congress – HB 3341 (Folic Acid bill) filed by Cong Pia Cayetano and HB 3128 filed by Cong Harry Roque